

Canyon #19
7 - POINT WELL CONTROL PLAN

1. Surface casing: 8 5/8", 24#, K-55, approximately 600' , new condition.
2. Casing head will be 10", 900 series, 3000 psi rating.
3. No intermediate casing will be run.
4. Blowout preventors: Hydraulic, double ram, 10", one set of rams will be provided for each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2". Kill line will be 2" and choke relief line will be 2" with variable choke.
5. Auxiliary equipment:
 - (1) Kelly cock will be in use at all times.
 - (2) Stabbing valve to fit drill pipe will be present on floor at all times.
 - (3) Mud monitoring will be visual, no abnormal pressures are anticipated in this area.
6. This is an area of known pressure. Maximum anticipated pressure at 6250' T.D. is 2500 psi.
7. Drilling Fluids:

0 - 5500' $\pm$	Gel water with solids control to maintain good conditions.
5500' $\pm$ - T.D.	Gel water with 50 sec. viscosity or greater, and 9 cc or less water loss.

